

**Radio observations of CMEs in the
interplanetary medium**

R. Ramesh

Indian Institute of Astrophysics, Bangalore, INDIA.

We report radio observations of CMEs in the distance range $5 - 50 R_{\odot}$ from the Sun during the periods June 1996, 1997 & 1998. The data for the study was obtained with the low frequency (40-150 MHz) radioheliograph at the Gauribidanur radio observatory near Bangalore in India, during the occultation of the radio source Tau A by the solar corona. The observed properties agree well with those estimated from observations at other wavelengths. The electron density variation was found to be proportional to r^{-10} , where r is the radial distance from the center of the Sun.